

Sarir Uddin

List of Publications by Year in descending order

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17
papers

277
citations

933447

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996975

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all docs

17
docs citations

17
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Unification of the negative electrocaloric effect in Bi _{1/2} Na _{1/2} TiO ₃ -BaTiO ₃ solid solutions by Ba _{1/2} Sr _{1/2} TiO ₃ doping. Journal of Applied Physics, 2013, 114, .	2.5	54
2	Structural and electrocaloric properties of multiferroic-BiFeO ₃ doped 0.94Bi _{0.5} Na _{0.5} TiO ₃ -0.06BaTiO ₃ solid solutions. Journal of Alloys and Compounds, 2016, 663, 249-255.	5.5	33
3	A review on perovskite materials with solar cell prospective. International Journal of Energy Research, 2021, 45, 19729-19745.	4.5	28
4	Structural investigation and improvement of microwave dielectric properties in Ca(Hf _x Ti _{1-x})O ₃ ceramics. Physica Scripta, 2021, 96, 025701.	2.5	24
5	Synthesis and characterizations of (Ba _{1-x} Ca _x)Ti ₄ O ₉ , 0 ≤ x ≤ 0.9 ceramics. Journal of Materials Research and Technology, 2021, 11, 1828-1833.	5.8	22
6	The Effect of Ca Dopant on the Electrical and Dielectric Properties of BaTi ₄ O ₉ Sintered Ceramics. Materials, 2021, 14, 5375.	2.9	22
7	Effect of Zr ⁴⁺ on the structural and microwave dielectric properties of CaTiO ₃ ceramics. Ferroelectrics, 2021, 577, 143-152.	0.6	17
8	Temperature-dependent energy storage characterization of Pb-free relaxor ferroelectrics. Journal of Advanced Dielectrics, 2020, 10, 2050009.	2.4	16
9	Structural Elucidation, Electronic and Microwave Dielectric Properties of Ca(Sn _x Ti _{1-x})O ₃ , (0 ≤ x ≤ 0.8) Lead-Free Ceramics. ACS Omega, 2022, 7, 4667-4676.	3.5	15
10	Structural, optical and microwave dielectric properties of Ba(Ti _{1-x} Sn _x) ₄ O ₉ , 0 ≤ x ≤ 0.7 ceramics. Scientific Reports, 2021, 11, 17889.	3.3	11
11	Elastic softening near the phase transitions in (1) T _j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (x)Bi _{1/2} Na _{1/2} TiO ₃ -BaTiO ₃ solutions. Materials Research Express, 2014, 1, 046102.	1.6	9
12	The effects of anti-ferroelectric nanofillers on the negative electrocaloric effects in Poly(vinylidene) T _j ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td (x)Bi _{1/2} Na _{1/2} TiO ₃ -BaTiO ₃	3.2	9
13	Effect of BaTiO ₃ on the Properties of PVC-Based Composite Thick Films. Materials, 2021, 14, 5430.	2.9	7
14	Effect of Zr ⁴⁺ on the properties of layered structured Ba(Ti _{1-x} Zr _x) ₄ O ₉ perovskites. Advances in Applied Ceramics, 2020, 119, 482-486.	1.1	5
15	Synthesis and temperature dependent energy storage characterization of ceramics. Physica Scripta, 2021, 96, 095809.	2.5	5
16	Phase, microstructure and dielectric properties of 0.94Bi _{0.5} Na _{0.5} TiO ₃ -0.06BaTiO ₃ ceramics prepared by sol-gel technique. Materials Science-Poland, 2013, 31, 410-414.	1.0	0
17	Effect of Sr ²⁺ doping on the phase transition of BaTiO ₃ lead-free ferroelectric ceramics. Materials Research Express, 2021, 8, 096101.	1.6	0